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U.S. Bureau of Foreign and Domestic Commerce

Glossary of electrical terms and instructions...

Washington

1930

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U. S. DEPARTMENT OF COMMERCE
R. P. LAMONT, Secretary
BUREAU OF FOREIGN AND DOMESTIC COMMERCE
WILLIAM L. COOPER, Director

# GLOSSARY OF ELECTRICAL TERMS AND INSTRUCTIONS TO EXPORTERS

FOR

## GUIDANCE IN PROPERLY LISTING AND CLASSIFYING ELECTRICAL APPARATUS AND SUPPLIES IN SHIPPERS' EXPORT DECLARATIONS

COMPILED BY
ELECTRICAL EQUIPMENT DIVISION, BUREAU OF FOREIGN AND DOMESTIC COMMERCE

REVISED JANUARY 1930

308
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Box 283

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1930

## FOREWORD

The following articles of customs regulations of the United States are quoted for the guidance of exporters:

"ART. 1127. *Compilation and publication.*—Statistics of imports and exports are compiled and published by the Bureau of Foreign and Domestic Commerce of the Department of Commerce from data supplied by collectors of customs as hereinafter provided. Correspondence relative to statistical reports should be addressed to the above bureau at Washington, D. C.

"Inquiries relating to statistical requirements of entires and export declarations, and the procedure of coding and forwarding these documents, should be addressed to the Section of Customs Statistics at New York (Department of Commerce).

"ART. 1133. *Shipper's export declarations.*—The kinds, quantities, and values of articles exported to foreign countries or shipped to noncontiguous territory of the United States shall be compiled from the export declaration furnished by the shipper to the collector of customs at the port of exportation, prepared on the official form (Customs Form 7525) in accordance with the instructions of T. D. 38410.

"ART. 1135. *Value of exports.*—All articles exported to foreign countries or shipped to noncontiguous territory shall be valued at their actual cost or the values which they may truly bear at the time of exportation or shipment in the ports of the United States from which they are exported or shipped, including the value of cartons, cases, crates, boxes, sacks, and coverings of any kind.

"The value stated should be the actual cost or selling price, if the goods are sold. If shipped on consignment without a sale having been made, the market value at the time of exportation in the ports of the United States from which exported should be stated.

"Freight and other charges from the port of departure in the United States to the place of destination in the foreign country or noncontiguous territory to which shipped must not be included in the export value.

"ART. 1137. *Country of destination of exports.*—If the country of ultimate destination of the commodities exported is different from that for which the vessel or car clears or departs, collectors will require exporters and shippers or their agents to state in the shippers' declarations as the country of ultimate destination the country to which the commodities are sold or destined for a market.

"Special care should be taken to state the final destination of goods shipped through Canada to Europe and of goods to be transshipped in the United Kingdom, the Netherlands, Germany, and France to other countries.

"ART. 1138. *Fractions in quantities and values.*—In the expression of values in export declarations and statistical copies of entries, frac-

tions of a dollar less than 50 cents will be ignored and fractions of 50 cents or upward will be counted as one dollar. A like rule will apply to fractions of weight, measure, and tonnage.

"ART. 1140. *Description of articles exported.*—The description of merchandise in export declarations must be stated in specific and not in general terms. Such designations as 'fruits,' 'provisions,' 'groceries,' 'canned goods,' 'hardware,' 'machinery,' or any other general term must not be used, but the articles should be described in sufficient detail to permit of their classification under the proper classes of export Schedule B. On the other hand, the description in the declaration should not be in the detail of the invoice, enumerating the various kinds and grades of similar articles, which would necessitate a laborious condensation into the official export classification, but should be a recapitulation of the articles contained in the shipment, with total quantity and value of each kind of article.

"The kinds of packages, boxes, barrels, bales, etc., must be specified, with quantities in the unit stated in Schedule B, in net weight where required, exclusive of the weight of barrels, boxes, or other bulky coverings and of salt or pickle in the case of salted or pickled fish and meats."

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To assist shippers of electrical merchandise in the preparation of their Shipper's Export Declarations, the Electrical Equipment Division of the Bureau of Foreign and Domestic Commerce has prepared the ensuing glossary of electrical terms, showing in what class of the schedule of exports the various articles should properly appear. The classifications for electrical merchandise are listed in the publication, Statistical Classification of Domestic Commodities Exported from the United States (Schedule B), effective January 1, 1930.

In addition, the glossary contains a second set of listings by classes, showing the various numbered classifications and what material is contained in each.

The primary object of this work is to assist the American electrical industry in correctly indicating electrical materials on the export declaration forms, so that the export statistics compiled by the Department of Commerce from these declarations will reflect the true extent and kind of goods exported. The use already made of this glossary has had a marked effect in reducing the miscellaneous export classification "Electrical goods, n. e. s. (not elsewhere specified)," and if shippers will continue to follow carefully the terms and instructions shown herein, the accuracy of the figures showing the exports of their particular product will be insured.

## INSTRUCTIONS TO EXPORTERS

In all cases when making out a Shipper's Export Declaration the shippers should use this glossary and *determine the proper class* under which each item of merchandise listed falls and *enter the numbers in the column headed "Class No."* This is of vital importance and will insure that our exports will be classified exactly as desired by manufacturers and in a uniform manner.

When complete machines or equipment units are so large that they are sent out in more than one shipment, the Shipper's Export



Declaration for all shipments *except the last* should show only the value of the portion of the machinery or units actually exported at the time, and the quantity column should be left blank. A statement as follows should be made on each of these declarations after the description of the shipment:

"This declaration covers assembly parts for complete apparatus for which declaration(s) was (were) made on (dates). Unit numbers will be recorded on the final declaration."

Unit numbers will be recorded on the *final* declaration and on it only. On the final declaration the number of machines or units must be put in the quantity column, and a statement as follows should be made after the description of the shipment:

"This declaration covers assembly parts for complete apparatus for which declaration(s) was (were) made on (dates). This is the declaration for the *final* shipment."

Examples of Shipper's Export Declarations are shown on the following three pages.

For the Department of Commerce:

MARSHALL T. JONES,
*Chief, Electrical Equipment Division.*

Subcommittee of Policy Committee, National Electrical Manufacturers' Association, organized to confer with the Department of Commerce on export and import statistics:

H. S. REIZENSTEIN.
H. C. MAHER.

WASHINGTON, *January 2, 1930.*

Customs Form 7525
U. S. TREASURY DEPARTMENT
T. D. 39417, 40668. Oct. 12-37

File No. _____ (Section Customs District)

This space for use of Customs

UNITED STATES CUSTOMS SERVICE

☞ Read carefully the instructions on back to avoid delay at shipping point

## SHIPPER'S EXPORT DECLARATION

OF SHIPMENTS TO FOREIGN COUNTRIES OR NONCONTIGUOUS TERRITORIES OF THE U. S.

☞ Clearance will not be granted until shipper's declaration has been filed with the Collector of Customs.
(Declaration should be typewritten or prepared in ink; pencil is not permissible.)

This space for use of Cu.

File No. _____

CODE NUMBERS

| (District) | (Port) |
|---|---|
| (Nationality) | (Flag) |
| (State) | |
| (Country) | |

Goods shipped by Westinghouse Electric & Manufacturing Co.
(Name of actual shipper)

Address _____ (Number) East Pittsburgh (Street) Penna. (City) (State)

For account of Shipper
(Name and address of exporter of goods if shipped by agent)

From Penna. (State in which shipment originated) For Shipment on the American Legion (U.S.) (Name of carrier. If vessel, give name and nationality)

From New York (U. S. Customs port of exportation) To ultimate foreign destination of goods Buenos Aires, Argentina (City) (Country)

| Marks and numbers | Number and kind of packages | DESCRIPTION OF GOODS (Describe each kind of goods in detail. Do not use general terms such as items, dry goods, machinery, fruits, etc. (See instructions on back, par. 8) | Quantity in pounds, tons of 2,000 pounds, gallons, yards, bushels, barrels, etc., as required by Schedule B | Value at time and place of shipment: U. S. Products, including foreign goods altered or remanufactured in the United States | Value at time and place of shipment: Foreign Products in same condition as imported | Statistical Code No. Schedule B |
|---|---|---|---|---|---|---|
| | | | | Nearest whole dollars (no cents) | | |
| W.E.I.Co. | 10 boxes | Alternating Current | | | | |
| 3167-3176 | | Motors 10 HP | 7042 | 10 | $2230 | |
| BAIRES | | | | | | |
| W.E.I.Co. | 5 crates | Distributing Transformers | | | | |
| 3177-3181 | | 10 KVA | 7022 | 10 | 2500 | |
| BAIRES | | | | | | |
| W.E.I.Co. | 2 boxes | Switchboard (2 panels) | | | | |
| 3182-3183 | | | 7031 | 2 | 800 | |
| BAIRES | | | | | | |

Waybill or manifest No. _____, 192 (Date of exportation) TOTAL $

I, the undersigned, solemnly and truly declare that the above statement is a complete, just, and true account of all merchandise shipped by the party named; on board the vessel, car, or vehicle; and to the place or country named above; and that the description and quantity of each article is truly stated and that the values thereof are the actual selling prices or true market values at the time and place of shipment for exportation.

Sworn and subscribed to before me

(Signature) _____

on January 2, 192 30 (Capacity) Shipper (Member of firm, secretary, agent, etc.)

(Address) _____

(Acting Deputy Collector, notary public, etc. See par. 2 on back)

USUAL FORM OF SHIPPER'S EXPORT DECLARATION



Customs Form 7525
U. S. TREASURY DEPARTMENT
T. D. 39417, 40668. Oct. 12-37

File No. _____ (Section Customs District)

This space for use of Customs

UNITED STATES CUSTOMS SERVICE

☞ Read carefully the instructions on back to avoid delay at shipping point

## SHIPPER'S EXPORT DECLARATION

OF SHIPMENTS TO FOREIGN COUNTRIES OR NONCONTIGUOUS TERRITORIES OF THE U. S.

☞ Clearance will not be granted until shipper's declaration has been filed with the Collector of Customs.
(Declaration should be typewritten or prepared in ink; pencil is not permissible.)

This space for use of Cu.

File No. _____

CODE NUMBERS

| (District) | (Port) |
|---|---|
| (Nationality) | (Flag) |
| (State) | |
| (Country) | |

Goods shipped by Westinghouse Elec. & Manufacturing Co.
(Name of actual shipper)

Address _____ (Number) East Pittsburgh (Street) Penna. (City) (State)

For account of Shipper
(Name and address of exporter of goods if shipped by agent)

From Same (State in which shipment originated) For Shipment on the President McKinley (U.S.) (Name of carrier. If vessel, give name and nationality)

From Seattle (U. S. Customs port of exportation) To ultimate foreign destination of goods Kobe, Japan (City) (Country)

| Marks and numbers | Number and kind of packages | DESCRIPTION OF GOODS (Describe each kind of goods in detail. Do not use general terms such as items, dry goods, machinery, fruits, etc. (See instructions on back, par. 8) | Quantity in pounds, tons of 2,000 pounds, gallons, yards, bushels, barrels, etc., as required by Schedule B | Value at time and place of shipment: U. S. Products, including foreign goods altered or remanufactured in the United States | Value at time and place of shipment: Foreign Products in same condition as imported | Statistical Code No. Schedule B |
|---|---|---|---|---|---|---|
| | | | | Nearest whole dollars (no cents) | | |
| TAK | | | | | | |
| 1620 | 5 boxes | Assembly Parts | | | | |
| KOBE | 6 crates | for 14000 Kva Alternating | 7006 | | $15000 | |
| | | Current Generators. | | | | |
| | | This declaration covers assembly parts for complete apparatus for which declaration(s) was (were) made on (dates). Unit numbers will be recorded on the final declaration. | | | | |

Waybill or manifest No. _____, 192 (Date of exportation) TOTAL $ $15000

I, the undersigned, solemnly and truly declare that the above statement is a complete, just, and true account of all merchandise shipped by the party named; on board the vessel, car, or vehicle; and to the place or country named above; and that the description and quantity of each article is truly stated and that the values thereof are the actual selling prices or true market values at the time and place of shipment for exportation.

Sworn and subscribed to before me

(Signature) _____

on Jan. 2, 1930 (Capacity) Shipper (Member of firm, secretary, agent, etc.)

(Address) _____

(Acting Deputy Collector, notary public, etc. See par. 2 on back)

SHIPPER'S EXPORT DECLARATION GOVERNING SPECIAL CASE WHERE PARTS OF A SINGLE UNIT ARE SHIPPED AT DIFFERENT TIMES, ANY SHIPMENT EXCEPT FINAL

C. 302 Form 1295
U. S. DEPT. DEPARTMENT
T. D. 38415, 40009. Oct. 38-37

File No.
Boston Customs District

This space for use of Customs

UNITED STATES CUSTOMS SERVICE

☞ Read carefully the instructions on back to avoid delay at shipping point

SHIPPER'S EXPORT DECLARATION

OF SHIPMENTS TO FOREIGN COUNTRIES OR NONCONTIGUOUS TERRITORIES OF THE U. S.

☞ Clearance will not be granted until shipper's declaration has been filed with the Collector of Customs.
(Declarations should be typewritten or prepared in ink; pencil is not permissible.)

This space for use of Cu

File No.

CODE NUMBERS

| (Carrier) | (Port) |
|---|---|
| (Nationality) | (Flag) |
| (Date) | |
| (Country) | |

Goods shipped by Westinghouse Mfg. & Manufacturing Co.
(Name of actual shipper)

Address East Pittsburgh, Penna.
(Number) (Street) (City) (State)

For account of Shipper
(Name and address of exporter of goods if shipped by agent)

From Same
(State in which shipment originated)

For Shipment on the Siberia Maru (Japanese)
(Name of carrier. If vessel, give name and nationality)

From Seattle
(U. S. Customs port of exportation)

To ultimate foreign destination of goods Kobe, Japan
(City) (Country)

| Marks and numbers | Number and kind of packages | DESCRIPTION OF GOODS Describe each kind of goods in detail. Do not use general terms such as merchandise, dry goods, machinery, fruits, etc. (See instructions on back, par. 3) | Quantity in pounds, total (of 2,240 pounds), gallons, yards, bushels, barrels, or as specified in Schedule B | Value at time and place of shipment: U. S. Products, including foreign products previously imported and subsequently exported from the United States (Nearest whole dollars (no cents)) | Value at time and place of shipment: Foreign Products in same condition as imported | Statistical Code No., Schedule B |
|---|---|---|---|---|---|---|
| TAK | | | | | | |
| 1620 | 10 boxes | Assembly parts for | 7006 | 1 | $18000 | |
| KOBE | 2 crates | 14000 Kva Alternating Current Generators | | | | |
| | | (This declaration covers assembly parts for complete apparatus for which declaration(s) was (were) made on (dates). This is the declaration for the final shipment. | | | | |
| | | | | | $18000 | |

Waybill or manifest
No. 192

(Date of exportation)

TOTAL, $

I, the undersigned, solemnly and truly declare that the above statement is a complete, just, and true account of all merchandise shipped by the party named; on board the vessel, car, or vehicle; and to the place or country named above; and that the description and quantity of each article is truly stated and that the values thereof are the actual selling prices or true market values at the time and place of shipment for exportation.

Sworn and subscribed to before me

(Signature)

on January 16, 192 30

(Capacity) Shipper
(Member of firm, secretary, agent, etc.)

(Address) East Pittsburgh, Pa.

(Acting Deputy Collector, notary public, etc. See par. 2 on back)

SHIPPER'S EXPORT DECLARATION GOVERNING SPECIAL CASE WHERE PARTS OF A SINGLE UNIT ARE SHIPPED AT DIFFERENT TIMES, FINAL SHIPMENT

# GLOSSARY OF ELECTRICAL TERMS

## ARTICLES LISTED ALPHABETICALLY

[Abbreviation n. e. s. means not elsewhere specified]

| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Accessories and parts for generators | 7009 | |
| Accessories and parts for motors | 7055 | |
| Accessories (radio), receiving set, except loud-speakers | 7081 | |
| Adapters, socket (radio) | 7079 | |
| Adjusters, cord and lamp | 7098 | |
| Adjusters, socket street hood | 7097 | |
| Aerial lead-ins (radio) | 7081 | |
| Aerials, loop | 7081 | |
| Air heaters | 7073 | No. |
| Alarms, burglar, tank, fire | 7089 | |
| Alloy fuse ribbon and wire | 6991 | |
| Alternating-current generators, under 2,000 K. V. A | 7005 | No. |
| Alternating-current generators, 2,000 K. V. A. and over | 7006 | No. |
| Alternating-current motors (see classes 7040, 7041, 7042, 7043, and 7044 under class index). | | No. |
| Aluminum wire, cable, and fuse wire | 6309 | |
| Aluminum wire, steel core | 6309 | |
| Ampere-hour meters | 7035 | No. |
| Ampere meters (see classes 7036 and 7037 under class index) | | No. |
| Amplifier units (radio) | 7077 | No. |
| Amplifying tubes | 7078 | No. |
| Analyzers, harmonic | 7038 | |
| Anchor clamps, eyes, hangers, and rods | 7098 | |
| Annunciator wire | 6435 | Lb. |
| Annunciators, electric | 7089 | |
| Appliances, hotel, electric heating and cooking | 7074 | No. |
| Approaches for trolley frogs | 7098 | |
| Arc-lamp carbons | 5481 | Lb. |
| Arc lamps, projection | 9111 | No. |
| Arc-welding equipment | 7010 | No. |
| Armature testing equipment | 7038 | |
| Armatures and armature coils for generators | 7009 | |
| Armature and armature coils for motors | 7055 | |
| Arms, transmitter, telephone | 7087 | |
| Arresters, lightning (except radio) | 7039 | |
| Automatic control equipment (electric railway and vehicle) | 7049 | |
| Automatic current regulators for electric furnaces | 7074 | |
| Automatic cut-out hangers and reflectors | 7097 | |
| Automatic telephone instruments | 7083 | No. |
| Automatic time switches | 7033 | No. |
| Automobile engine heaters | 7073 | No. |
| Automobile generators and starting equipment | 7092 | |
| Automobile lamps | 7063 | |
| Babbitt pots, electric | 7074 | |
| Bake ovens (domestic) not less than $50 valuation | 7072 | No. |
| Bake ovens, except domestic | 7074 | No. |
| Balance coils | 7024 | |
| Batteries, dry cell, except flash-light, radio, and No. 6 | 7018 | No. |

| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Batteries, flash-light | 7016 | No. cells.[1] |
| Batteries, galvanic and faradic | 7075 | |
| Batteries, primary, wet-cell | 7018 | No. cells. |
| Batteries, radio, dry | 7017 | No. cells.[1] |
| Batteries, storage, 6-volt | 7013 | No. |
| Batteries, storage, farm lighting, and electric truck | 7014 | No. cells.[2] |
| Batteries, storage, plates for | 7099 | |
| Battery carbons | 5481 | Lb. |
| Battery charges under 15-ampere rating | 7028 | No. |
| Battery-charging motor-generator sets of more than 15-ampere rating | 7029 | No |
| Battery-charging panels | 7031 | No. |
| Battery-charging sets of more than 15-ampere rating | 7029 | No. |
| Battery-charging switchboards | 7031 | No. |
| Battery clocks | 9572 | No. |
| Battery eliminators (radio) | 7081 | |
| Battery jars, rubber | 2052 | Lb. |
| Battery switches (radio) | 7079 | |
| Battery-type electric mining and industrial locomotives | 7046 | No. |
| Battery zincs | 6589 | Lb. |
| Bayonet immersion water heaters | 7074 | No. |
| Bayonet sockets | 7095 | No. |
| Bearings for generators | 7009 | |
| Bearings for motors | 7055 | |
| Bell-ringing transformers | 7089 | |
| Bells, electric | 7089 | |
| Binding posts (radio) | 7079 | |
| Blasting sets, electric | 7092 | |
| Bonding sleeves and rail bonds | 6425 | Lb. |
| Bowls, glass, opal and etched | 5261 | Lb. |
| Boxes, floor, fuse, service, switch, and line-junction | 7094 | Lb. |
| Boxes, telephone, distributing, protected and unprotected | 7087 | |
| Braces, cross-arm and bus-bar | 7098 | |
| Brackets, telephone | 7087 | |
| Broadcasting apparatus | 7076 | |
| Broilers | 7073 | No. |
| Brushes, carbon, for motors and generators | 5481 | Lb. |
| Buffing motors | 7040 | No. |
| Burglar alarms | 7089 | |
| Bus-bar brackets, clamps, supports, and terminals | 7098 | |
| Bushings, porcelain, entrance, floor, roof, wall | 5314<br>5315 | Lb. |
| Buzzers, electric | 7089 | |
| Cabinets, switch | 7094 | Lb. |
| Cable, aluminum and aluminum steel-core | 6309 | |
| Cable anchors | 7098 | |
| Cable, bare copper | 6425 | Lb. |
| Cable, insulated copper, annunciator, armored, lead-covered (except telephone). | 6435 | Lb. |
| Cable, insulated, iron or steel | 6088 | Lb. |
| Cable, telephone | 6432 | Lb. |
| Calls, carriage | 7089 | |
| Canopy switches | 7095 | No. |
| Carbon brushes for motors and generators | 5481 | Lb. |
| Carbon circuit breakers | 7033 | No. |
| Carbon electrodes for electric furnaces | 5480 | Lb. |
| Carbon-filament lamps | 7065 | No. |
| Carbon products, other (see also class 5480) | 5481 | Lb. |
| Carbons; arc-lamp, battery | 5481 | Lb. |
| Car-lighting panels | 7031 | No. |
| Carriage calls | 7089 | |

[1] Number of 1¼-volt cells. [2] Number of 2-volt cells.



| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Cartridge-type heaters | 7074 | No. |
| Car-type circuit breakers | 7033 | No. |
| Cases, flash-light | 7066 | No. |
| Catenary hangers | 7098 | |
| Ceiling fans | 7061 | No. |
| Ceiling suspensions | 7096 | |
| Celluloid manufactures | 9820 | Lb. |
| Celluloid sheets, rods, and tubes | 9820 | Lb. |
| Chafing dishes | 7073 | No. |
| Changers, pole, telephone | 7087 | |
| Chargers, battery, less than 15-ampere rating | 7028 | No. |
| Charging plugs and receptacles | 7098 | |
| Charging sets, battery, of more than 15-ampere rating | 7029 | No. |
| Chimes, electric | 7099 | |
| Choke coils | 7039 | No. |
| Chucks, trolley wire | 7098 | |
| Cigar lighters | 7073 | No. |
| Circuit breakers, oil | 5038 | Gal. |
| Circuit breakers, carbon, car type, and oil | 7033 | No. |
| Clamps, ground (radio) | 7081 | |
| Clamping bars and clamp pins | 7098 | |
| Clamps, ground and cable | 7098 | |
| Cleaners, vacuum, household electric | 7069 | No. |
| Cleats, porcelain | 5314 | Lb. |
| Clocks, electric | 9572<br>9573<br>9591 | No. |
| Cloth cutters | 7050 | No. |
| Cloth, insualting, treated and untreated | 7093 | Lb. |
| Clothes driers | 7074 | |
| Coffee percolators and urn heaters | 7073 | No. |
| Coil mountings (radio) | 7079 | |
| Coil-testing equipment | 7038 | |
| Coils, armature and field, for generators | 7009 | |
| Coils, armature and field, for motors | 7055 | |
| Coils, balance and safety | 7024 | No. |
| Coils, choke | 7039 | No. |
| Coils, induction, heat and repeating, telephone | 7087 | |
| Coils, induction, vibrating | 7075 | |
| Coils, loading and repeating (telephone) | 7087 | |
| Coils, reactance | 7039 | No. |
| Coils, tuning (radio) | 7079 | |
| Commercial lighting fixtures | 7096 | |
| Common battery (C. B.) telephone instruments | 7083 | No. |
| Components (radio) | 7079 | |
| Compounds, insulating | 7093 | Lb. |
| Condenser oil | 5038 | Gal. |
| Condensers (radio) | 7079 | |
| Condensers, rotary and synchronous, under 2,000 K. V. A | 7005 | No. |
| Condensers, rotary and synchronous, 2,000 K. V. A. and over | 7006 | No. |
| Condensers, static (except radio) | 7099 | |
| Condensers, steam; barometric, ejector, jet, and surface | 7135 | |
| Condensers, telephone | 7087 | |
| Conduit fittings and bushings | 7094 | Lb. |
| Conduit, interior, nonmetallic | 7099 | |
| Conduit, metal | 7094 | Lb. |
| Conduit, underground fiber | 7099 | |
| Connection boxes, metal | 7094 | Lb. |
| Connector lugs | 7098 | |
| Connectors | 7098 | |
| Constant current regulators | 7024 | No. |
| Control desks and panels | 7031 | No. |
| Control equipment, electric railway and vehicle | 7049 | |

| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Control equipment, push-button, remote | 7048 | |
| Controllers, drum, electric railway and vehicle | 7049 | |
| Controllers, flat rate (meter) | 7038 | |
| Controlling equipment, industrial motors | 7048 | |
| Control switches (switchboard) | 7099 | |
| Converters, synchronous and rotary | 7029 | No. |
| Cookers, fireless, not less than $50 valuation | 7072 | No. |
| Cooking ranges, not less than $50 valuation | 7072 | No. |
| Coolers, electric, water | 7057 | No. |
| Copper-clad steel wire | 6425 | Lb. |
| Copper terminals | 7098 | |
| Copper tube connectors | 7098 | |
| Copper wire, bare | 6425 | Lb. |
| Cords, receiver, switchboard | 6435 | Lb. |
| Corn poppers | 7073 | No. |
| Crooks, lighting | 7097 | |
| Cross-arm braces | 7098 | |
| Crystals (radio) and mountings | 7079 | |
| Curling irons | 7073 | No. |
| Current limiters | 7038 | |
| Current-limiting reactors | 7024 | No. |
| Current regulators, automatic, for electric furnaces | 7074 | No. |
| Current transformers | 7023 | No. |
| Cut-outs, interior | 7095 | No. |
| Cut-outs, primary | 7033 | No. |
| Cutters, cloth | 7050 | No. |
| Demand meters | 7035 | No. |
| Dental engines | 7040 | No. |
| Desk fans | 7061 | No. |
| Desk stands (telephone) | 7087 | |
| Desks, control | 7031 | No. |
| Detector tubes | 7078 | No. |
| Detectors, ground | 7038 | |
| Dials (radio) | 7079 | |
| Direct-current generators under 500 kilowatts | 7001 | No. |
| Direct-current generators, 500 kilowatts and over | 7002 | No. |
| Direct-current motors (see classes 7040, 7041. 7042, 7043, and 7044 under class index). | ------ | No. |
| Discharge resisters | 7039 | No. |
| Disconnecting switches | 7033 | No. |
| Dishwashers | 7070 | No. |
| Disk immersion water heaters | 7073 | No. |
| Disk stoves | 7073 | No. |
| Distributing boxes, telephone, protected and unprotected | 7087 | |
| Distribution transformers, less than 500 K. V. A. | 7022 | No. |
| Domestic bake ovens and ranges, not less than $50 valuation | 7072 | No. |
| Door openers, electric | 7099 | |
| Driers, hair | 7070 | No. |
| Drills, electric | 7050 | No. |
| Drink mixers, electric | 7070 | No. |
| Drum controllers and switches for industrial motors | 7048 | |
| Drum controllers, electric railway and vehicle | 7049 | |
| Dry primary batteries, No. 6 | 7015 | No. |
| Dry primary batteries, flash-light | 7016 | No. cells.[1] |
| Dry primary batteries, radio B and C | 7017 | No. cells.[1] |
| Dry primary batteries, except flash-light, radio, and No. 6 | 7018 | No. |
| Dryers, hair | 7070 | No. |
| Ears, trolley | 7098 | |
| Electric-furnace carbon electrodes | 5480 | Lb. |
| Electrolytic lightning arresters | 7039 | No. |
| Elevators, electric | 7245 | No. |
| Eliminators, battery (radio) | 7081 | |

[1] Number of 1½-volt cells.



| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Enameled copper wire | 6435 | Lb. |
| Engine heaters, automobile | 7073 | No. |
| Exercisers, electric | 7062 | No. |
| Exhaust fans up to 16 inches diameter | 7061 | No. |
| Expulsion-type fuse blocks | 7095 | No. |
| Fans, electric, ceiling, desk, gyrating, exhaust, up to 16 inches diameter. | 7061 | No. |
| Faradic batteries | 7075 | |
| Farm lighting outfits | 7011 | No. |
| Faucet-type water heaters | 7073 | No. |
| Fault localizers | 7038 | |
| Feed-wire insulators | 5314<br>5315 | Lb. |
| Feeder clamps, ears, and suspensions | 7098 | |
| Feeder panels | 7031 | No. |
| Feeder switches | 7033 | No. |
| Feeder-tap insulators and supports | 5314<br>5315 | Lb. |
| Feeder voltage regulators | 7024 | No. |
| Fiber conduit | 7099 | |
| Fiber, vulcanized, sheets, strips, rods, and tubes | 4795 | Lb. |
| Filaments (tungsten) | 6233 | Lb. |
| Fire alarms | 7089 | |
| Fireless cookers (not less than $50 value) | 7072 | No. |
| Flashers, sign | 7099 | |
| Flash-light batteries | 7016 | No. cells.[1] |
| Flash-light cases, not including incandescent bulbs and batteries (for which see classes 7063, 7065, and 7016). | 7066 | No. |
| Flatirons, electric | 7071 | No. |
| Flat-rate controllers | 7038 | |
| Flexible approaches | 7098 | |
| Float switches | 7048 | |
| Floodlights | 7067 | No. |
| Floor boxes | 7094 | |
| Floor bushings and floor tubes | 5314<br>5315 | Lb. |
| Floor polishers, sanders, scrubbers, and surfacers (see classes 7040, 7041, and 7042 under class index). | ------ | No. |
| Foot candle meters | 7038 | |
| Fractional horsepower motors (see classes 7040 and 7041 under class index). | ------ | No. |
| Frequency changers | 7029 | No. |
| Frequency meters (see classes 7036 and 7037 under class index) | ------ | No. |
| Friction tape | 2084 | Lb. |
| Frogs, trolley | 7098 | |
| Frying kettles | 7073 | No. |
| Furnace, electric carbon electrodes | 5480 | Lb. |
| Furnaces, muffle and tube, electric | 7074 | No. |
| Fuse blocks, inclosed and expulsion types | 7095 | No. |
| Fuse holders | 7095 | No. |
| Fuse panels | 7031 | No. |
| Fuse ribbon and wire, alloy | 6991 | |
| Fuse wire, aluminum | 6309 | |
| Fuses, inclosed battery supply, cartridge, link, plug, and telephone. | 7034 | No. |
| Galvanic batteries | 7075 | |
| Galvanized wire | 6082 | Lb. |
| Generator, armatures, armature coils, bearings, field coils; renewal, repair, and spare parts. | 7009 | |
| Generator panels | 7031 | No. |
| Generators, alternating current, under 2,000 K. V. A. | 7005 | No. |
| Generators, alternating current, 2,000 K. V. A. and over | 7006 | No. |

[1] Number of 1½-volt cells.

| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Generators, auto | 7092 | |
| Generators, direct-current, under 500 kilowatts | 7001 | No. |
| Generators, direct-current, 500 kilowatts and over | 7002 | No. |
| Generators, hand, telephone | 7087 | |
| Generators, railway-coach lighting | 7001 | No. |
| Generators, telephone ringing | 7087 | |
| Glass globes and shades for lighting fixtures | 5261 | Lb. |
| Glass insulators | 5292 | Lb. |
| Globes, glass ball | 5261 | Lb. |
| Glow meters | 7038 | |
| Goosenecks | 7097 | |
| Graphic meters | 7037 | No. |
| Grid leaks (radio) | 7079 | |
| Griddles | 7073 | No. |
| Grills | 7073 | No. |
| Grinders, electric | 7050 | No. |
| Grinding motors | 7042 | No. |
| Ground clamps (radio) | 7081 | |
| Ground detectors | 7038 | |
| Gyrating fans | 7061 | No. |
| Hair clippers, electric | 7099 | No. |
| Hair dryers, electric | 7070 | No. |
| Half-strain ears | 7098 | |
| Hammers, electric | 7050 | No. |
| Hanger clamps | 7098 | |
| Hangers, cable | 7098 | |
| Hard-rubber sheets | 2052 | Lb. |
| Harmonic analyzers | 7038 | |
| Headlight turbine sets, locomotive | 7007 | No. |
| Headlights, electric | 7067 | No. |
| Headsets (radio) | 7081 | |
| Health lamps | 7075 | |
| Health motors | 7062 | No. |
| Heat coils, telephone | 7087 | |
| Heaters, air, automobile-engine, coffee-urn, disk-immersion, reflector, water. | 7073 | No. |
| Heaters, water, cartridge, immersion, metal pattern plate, oven, space, steel-clad. | 7074 | No. |
| Home lighting fixtures | 7096 | |
| Home lighting plants | 7011 | No. |
| Hoods, socket, street | 7097 | |
| Horns, electric | 7089 | |
| Hospital signal equipment, electric | 7089 | |
| Hotel toasters and other appliances | 7074 | No. |
| Hot tables, electric | 7074 | No. |
| Household irons | 7071 | No. |
| Household refrigerators, electric | 7057 | No. |
| Household refrigerators, thermodynamic | 7059 | No. |
| Ice-cream cabinets | 7058 | No. |
| Immersion water heaters, bayonet | 7074 | No. |
| Impulse gaps | 7039 | No. |
| Incandescent metal filament lamps, automobile, flash-light, and Christmas-tree. | 7063 | No. |
| Incandescent metal filament lamps, other | 7064 | No. |
| Indicating instruments, electrical ampere, volt, frequency, power-factor, and watt. | 7036 | No. |
| Indicators, lamp | 7031 | No. |
| Individual lighting sets | 7011 | No. |
| Induction coils, telephone | 7087 | |
| Induction coils, vibrating | 7075 | |
| Induction-feeder voltage regulators | 7024 | No. |
| Industrial electric furnaces and ovens, including automatic current regulators. | 7074 | No. |



| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Industrial lighting fixtures | 7096 | |
| Industrial locomotives, electric | 7046 | No. |
| Instruments, telegraph | 7082 | |
| Instrument transformers | 7023 | No. |
| Insulated iron or steel wire and cable | 6088 | Lb. |
| Insulating material, other | 7093 | Lb. |
| Insulating tapes, rubber and friction | 2084 | Lb. |
| Insulating oils | 5038 | Gal. |
| Insulation, mica | 5512 | Lb. |
| Insulation-testing equipment | 7038 | |
| Insulator pins | 7098 | |
| Insulators, composition, strain (composition), strain (wooden) | 7098 | |
| Insulators, glass | 5292 | Lb. |
| Insulators, porcelain; feed wire, feeder-tap supports, bus type, strain, etc. | 5314<br>5315 | Lb. |
| Iron-clad switchboards | 7031 | No. |
| Iron wire, plain | 6081 | Lb. |
| Ironing machines, electrically driven | 7070 | No. |
| Irons, curling, waffle | 7073 | No. |
| Irons, household, laundry, tailors' and travelers' | 7071 | No. |
| Jacks (radio) | 7079 | |
| Jacks, telephone | 7087 | |
| Jars, rubber, battery | 2052 | Lb. |
| Junction boxes | 7094 | Lb. |
| Kilovolt-ampere-hour meters | 7035 | No. |
| Kits (radio) | 7079 | |
| Knife switches, 10 amperes and less | 7095 | No. |
| Knife switches, over 10 amperes | 7033 | No. |
| Knockdown sets | 7079 | |
| Lamps, arc, carbon filament and others, excluding incandescent metal filament. | 7065 | No. |
| Lamp brackets | 7097 | |
| Lamp caps, telephone | 7087 | |
| Lamp indicators | 7031 | No. |
| Lamp shades, glass | 5261 | Lb. |
| Lamp shades, metal | 7096 | |
| Lamp sockets | 7095 | No. |
| Lamps, health or sun-ray | 7075 | |
| Lamps, metal filament, auto, flash-light and Christmas tree | 7063 | No. |
| Lamps, other metal filament | 7064 | No. |
| Lamps, portable and table | 7096 | |
| Laundry irons | 7071 | No. |
| Letters, sign | 7099 | |
| Lifting magnets | 7099 | |
| Lighting equipment for automobiles, not including bulbs and lamps. | 7092 | |
| Lighting fixtures, globes and shades | 5261 | Lb. |
| Lighting fixtures, interior, commercial, home, and industrial | 7096 | |
| Lighting fixtures, street | 7097 | |
| Lightning arresters | 7039 | No. |
| Lightning-arrester oils | 5038 | Gal. |
| Lightning arresters (radio) | 7081 | |
| Line junction boxes | 7094 | Lb. |
| Line material, n. e. s. | 7098 | |
| Line section switches | 7033 | No. |
| Loading coils, telephone | 7087 | |
| Locomotives, electric mining and industrial | 7046 | No. |
| Locomotives, electric railway | 7045 | No. |
| Locomotive headlight turbine sets | 7007 | No. |
| Loop aerials | 7081 | |
| Loud speakers and units (radio) | 7080 | No. |
| Luminous radiators | 7073 | No. |

| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Magnet chargers | 7099 | |
| Magnet wire | 6435 | Lb. |
| Magneto telephone instruments | 7083 | No. |
| Magnetos, ignition | 7092 | |
| Magnets, lifting | 7099 | |
| Magnets, permanent | 7099 | |
| Mantel luminous radiators | 7073 | No. |
| Massage vibrators, electric | 7070 | No. |
| Mechanical drive turbines | 7113 | No. |
| Mercury rectifiers of more than 15-ampere rating | 7029 | No. |
| Message register meters | 7087 | |
| Metal conduit | 7094 | Lb. |
| Metal filament, incandescent lamps | 7064 | No. |
| Metal molding, electrical | 7094 | Lb. |
| Metal pattern plate heaters | 7074 | No. |
| Metal poles (see complete Schedule B) | ------ | |
| Meter houses | 7031 | No. |
| Metering panel boards | 7031 | No. |
| Meters, ampere-hour, demand, and watt-hour | 7035 | No. |
| Meters, message, register | 7087 | |
| Meters, testing (see classes 7036, 7037, and 7038 under class index). | ------ | |
| Meters, Wheatstone Bridge | 7038 | |
| Mica insulation | 5512 | Lb. |
| Microphones | 7076 | |
| Mine (battery) lamps | 7066 | No. |
| Mining locomotives, electric | 7046 | No. |
| Mixers, drink, electric | 7070 | No. |
| Modulating tubes | 7078 | No. |
| Molding, metal, electrical | 7094 | Lb. |
| Motor connection boxes | 7094 | Lb. |
| Motor controllers, except railway and vehicle | 7048 | |
| Motor-driven devices, except tools | 7070 | No. |
| Motor generators | 7029 | No. |
| Motor-generator battery-charging sets of less than 15-ampere rating. | 7028 | No. |
| Motor starters, except railway and vehicle | 7048 | |
| Motor trucks, electric, station and warehouse | 7047 | No. |
| Motors; armatures, armature coils, bearings, field coils; renewal, repair, and spare parts. | 7055 | |
| Motors, auto starting | 7092 | |
| Motors, health, exerciser | 7072 | No. |
| Motors (see classes 7040, 7041, 7042, 7043, and 7044 under class index). | ------ | No. |
| Mountings, coil (radio) | 7079 | |
| Mouthpieces, telephone | 7087 | |
| Moving-coil regulators | 7024 | No. |
| Muffle furnaces, electric | 7074 | No. |
| Multiple street hood bodies | 7097 | |
| Multiple unit controls | 7049 | |
| Neon signs | 7099 | |
| Nonmetallic conduit | 7099 | |
| Oil, circuit breaker, condenser, insulating, lightning arrester, and transformer. | 5038 | Gal. |
| Oil circuit breakers | 7033 | No. |
| Oil drying and purifying outfits | 7024 | No. |
| Oil-testing cups | 7099 | |
| Oscillographs | 7038 | |
| Outlet boxes | 7094 | Lb. |
| Ovens, domestic (not less than $50 valuation) | 7072 | No. |
| Oven heaters, industrial | 7074 | No. |
| Ovens, not domestic | 7074 | No. |
| Pads, warming | 7073 | No. |



| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Paint-spraying equipment | 7720 | |
| Paints, insulating | 7093 | No. |
| Panel boards | 7031 | No. |
| Panels, arc welding, battery charging, car lighting, control, feeder, fuse, generator, switchboard, voltage regulator. | 7079 | |
| Panels (radio) | 7093 | Lb. |
| Paper, insulating, treated and untreated | 7099 | |
| Pens, scorching | 7073 | No. |
| Percolators, coffee | 7099 | |
| Permanent magnets | 8090 | Lb. |
| Phenolic synthetic resins | 8091 | |
| Phonograph-radio combinations | 7077 | No. |
| Pickups, electric (radio) | 7081 | |
| Pins, insulator | 7098 | |
| Planers, electric | 7050 | No. |
| Plants, portable electric and home lighting | 7011 | No. |
| Plants, wind-driven electric | 7099 | |
| Plate heaters, metal pattern | 7074 | No. |
| Plugs | 7095 | No. |
| Plugs (radio) | 7081 | |
| Plugs, telephone | 7087 | |
| Pole changers, telephone | 7087 | |
| Poles, metal (see complete Schedule B) | ------ | |
| Poles, wood; light, electric, telegraph, trolley | 4034 | No. |
| Porcelain, electrical for less than 6,600 volts | 5314 | Lb. |
| Porcelain, electrical for 6,600 volts and over | 5315 | Lb. |
| Portable electric plants | 7011 | No. |
| Portable electric tools (see also classes 7040, 7041, and 7042 under class index). | 7050 | No. |
| Portable lamps | 7096 | |
| Portable testing outfits | 7038 | |
| Posts, binding | 7079 | |
| Posts, electric lighting | 7097 | |
| Potentiometers | 7038 | |
| Potentiometers (radio) | 7079 | |
| Pot heads, power cable | 7099 | |
| Pot heads, telephone cable | 7087 | |
| Pots, babbitt and solder, electric | 7074 | No. |
| Power factor meters (see classes 7036 and 7037 under class index). | ------ | No. |
| Power transformers, 500 K. V. A. and over | 7021 | No. |
| Primary batteries except flash-light, radio, and No. 6 | 7018 | No. |
| Projectors, except motion-picture machines (for which see classes 9007 and 9008). | 7067 | No. |
| Protectors and mountings, telephone | 7087 | |
| Push-button control equipment | 7048 | |
| Push-button switches | 7095 | No. |
| Push buttons | 7089 | |
| Radiators, luminous | 7073 | No. |
| Radio apparatus, parts, and accessories (see classes 7076, 7077, 7078, 7079, 7080, and 7081 under class index). | ------ | |
| Radio dry batteries (B and C) | 7017 | No. cells.[1] |
| Radio-phonograph combinations | 7077 | No. |
| Rail bonds | 6425 | Lb. |
| Railway cars, electric | 7961 | No. |
| Railway coach lighting generators and sets | 7001 | No. |
| Railway controllers | 7049 | |
| Railway locomotives, electric | 7045 | No. |
| Railway motors | 7044 | No. |

[1] Number of 1½-volt cells.

| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Railway signals and attachments, electrical | 7970 | |
| Ranges, domestic (not less than $50) | 7072 | No. |
| Reactance coil regulators | 7024 | No. |
| Reactance coils | 7039 | No. |
| Reactivators, radio tube | 7081 | |
| Reactors | 7039 | No. |
| Reactors, current limiting | 7024 | No. |
| Reamers, electric | 7050 | No. |
| Receiver cords | 6435 | Lb. |
| Receivers, telephone | 7087 | |
| Receiving-set accessories, except loudspeakers | 7081 | |
| Receiving-set components | 7079 | |
| Receiving sets (complete) | 7077 | No. |
| Receptacles | 7095 | No. |
| Recording instruments, electrical, ampere, volt, frequency, power factor, and watt. | 7037 | No. |
| Rectifier bulbs of more than 15-ampere rating | 7029 | No. |
| Rectifier, mercury of more than 15-ampere rating | 7029 | No. |
| Rectifiers of less than 15-ampere rating | 7028 | No. |
| Rectifying tubes (radio) | 7078 | No. |
| Reducers, socket | 7095 | No. |
| Reflector heaters | 7073 | No. |
| Reflectors | 7096 | |
| Refrigerators, electric, commercial, up to 1 ton capacity | 7058 | No. |
| Refrigerators, household electric | 7057 | No. |
| Refrigerators, not mechanical | 9845 | No. |
| Refrigerators, thermodynamic | 7059 | No. |
| Regulating transformers | 7024 | No. |
| Regulators, voltage, panels | 7031 | No. |
| Regulators, automatic current for electric furnaces | 7074 | No. |
| Regulators, constant current, feeder voltage, induction feeder voltage, moving coil, reactance coil. | 7024 | No. |
| Regulators, electric temperature | 7038 | |
| Remote-control equipment for industrial motors | 7048 | |
| Renewal parts except for generators, motors, and telephones | 7099 | |
| Renewal parts for generators | 7099 | |
| Renewal parts for motors | 7055 | |
| Repair parts, except for generators, motors, and telephones | 7099 | |
| Repair parts for generators | 7099 | |
| Repair parts for motors | 7055 | |
| Repeaters, telegraph | 7082 | |
| Repeaters, telephone | 7087 | |
| Repeating coils, telephone | 7087 | |
| Resistance units (radio) | 7079 | |
| Resistance wire, alloy | 6991 | |
| Resistors (industrial motors) | 7048 | |
| Rheostats (industrial motors) | 7048 | |
| Rheostats (radio) | 7079 | |
| Ringers, telephone | 7087 | |
| Riveters, electric | 7050 | No. |
| Rosettes | 7095 | No. |
| Rotary condensers, under 2,000 K. V. A | 7005 | No. |
| Rotary condensers, 2,000 K. V. A. and over | 7006 | No. |
| Rotary converters | 7029 | No. |
| Rubber, battery jars, hard sheets, hard washers, etc | 2052 | Lb. |
| Rubber tape, hi-voltage | 2084 | Lb. |
| Rubberized tape, insulating | 2084 | Lb. |
| Safety coils | 7024 | No. |
| Saws, electric | 7050 | No. |
| Scorching pens | 7099 | |
| Screw drivers, electric | 7050 | No. |
| Searchlights (not flash lights) | 7067 | No. |
| Self-contained lighting outfits | 7011 | No. |



| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Sending sets (radio) | 7076 | |
| Series street hood bodies | 7097 | |
| Service boxes | 7094 | Lb. |
| Set accessories (radio), except loud-speakers | 7081 | |
| Set components (radio) | 7079 | |
| Sets (radio), complete | 7077 | No. |
| Sewing-machine motors | 7040 | No. |
| Shades, glass | 5261 | Lb. |
| Shades, metal | 7096 | |
| Short-wave units | 7077 | No. |
| Sign flashers and letters | 7099 | |
| Signals, factory, office, and hospital | 7089 | |
| Signal, railway, electric | 7970 | |
| Sleeves, bonding | 6425 | Lb. |
| Sleeving, fabric and paper | 7093 | Lb. |
| Snap switches | 7095 | No. |
| Socket adapters (radio) | 7079 | |
| Socket adjuster transformers | 7024 | No. |
| Socket reducers | 7095 | No. |
| Sockets | 7095 | No. |
| Sockets (radio) | 7079 | |
| Solder pots | 7074 | No. |
| Solderless connectors | 7098 | |
| Solenoids | 7099 | |
| Space heaters | 7074 | No. |
| Spare parts, except for generators, motors, and telephones | 7099 | |
| Spare parts for generators | 7099 | |
| Spare parts for motors | 7055 | |
| Spark plugs | 7091 | No. |
| Speed indicators, electric | 7038 | |
| Splicers | 7098 | |
| Splicing compound | 7093 | Lb. |
| Splicing ears and sleeves | 7098 | |
| Spot lights | 7067 | No. |
| Stands, desk (telephone) | 7087 | |
| Starting equipment, electric railway and vehicle | 7049 | |
| Starting equipment for automobiles | 7092 | |
| Starting equipment, industrial motors | 7048 | |
| Static condenser | 7099 | |
| Station electric motor trucks | 7047 | No. |
| Steam-turbine generator sets, complete | 7007 | No. |
| Steam turbines | 7113 | No. |
| Steel-clad heaters | 7074 | No. |
| Steel wire, copper clad | 6425 | Lb. |
| Steel wire, plain | 6081 | Lb. |
| Storage batteries, 6-volt | 7013 | No. |
| Storage batteries, other than 6-volt | 7014 | No. cells.[2] |
| Storage-battery plates | 7099 | |
| Strain ears | 7098 | |
| Street hoods | 7097 | |
| Street-lighting fixtures | 7097 | |
| Sun-ray or health lamps | 7075 | |
| Switchboards (except telephone) | 7031 | No. |
| Switchboards, battery charging, iron-clad, panels, truck type, theater, and preset. | 7031 | No. |
| Switchboard cords | 6435 | Lb. |
| Switchboard panels (except telephone) | 7031 | No. |
| Switchboards, telephone; magneto, C. B. manual, C. B. mechanical, C. B. semimechanical, P. B. X.-C. B. manual, P. B. X.-C. B. mechanical, and testing. | 7086 | No. |
| Switch boxes and cabinets | 7094 | Lb. |
| Switch houses | 7031 | No. |

[2] Number of 2-volt cells.

| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Switches, battery (radio) | 7079 | |
| Switches, canopy, push-button, knife 10 amperes and less, snap, toggle, and tumbler. | 7095 | No. |
| Switches, disconnecting, feeder, knife over 10 amperes, line section, and time. | 7033 | No. |
| Switches, float | 7048 | |
| Synchronous clocks | 9572<br>9573 | No. |
| Synchronous condensers, under 2,000 K. V. A. | 7005 | No. |
| Synchronous condensers, 2,000 K. V. A. and over | 7006 | No. |
| Synchronous converters | 7029 | No. |
| Synchronous motors (see classes 7042 and 7043 under class index). | | |
| Synchroscopes | 7038 | |
| Synthetic phenolic resin products | 8090<br>8091 | No. |
| Table lamps | 7096 | |
| Tables, hot, electric | 7074 | No. |
| Tailors' irons | 7071 | No. |
| Talking machine-radio combinations | 7077 | No. |
| Tampers, electric | 7050 | No. |
| Tank alarms | 7089 | |
| Tape, friction, hi-voltage rubber, rubberized insulating | 2084 | Lb. |
| Teakettles, electric | 7073 | No. |
| Telegraph apparatus and equipment, except radio | 7082 | |
| Telegraph poles, metal (see complete Schedule B) | | |
| Telegraph poles, wood | 4034 | No. |
| Telegraph transmitting (radio and wireless) apparatus | 7076 | |
| Telephone brackets | 7087 | |
| Telephone cable | 6432 | Lb. |
| Telephone equipment, except instruments and switchboards | 7087 | |
| Telephone instruments, automatic, C. B. and magneto | 7083 | No. |
| Telephone sending (radio) apparatus | 7076 | |
| Telephone switchboards | 7086 | No. |
| Telephone wire, iron, insulated | 6088 | Lb. |
| Television accessories | 7081 | |
| Television components | 7079 | |
| Temperature regulators, electric | 7038 | |
| Terminals (radio) | 7079 | |
| Testing apparatus (see classes 7036, 7037, and 7038 under class index). | | |
| Testing outfits, portable | 7038 | |
| Therapeutic apparatus | 7075 | |
| Thermostats | 7038 | |
| Third rail electric mining and industrial locomotives | 7046 | No. |
| Time switches | 7033 | No. |
| Toaster stoves | 7073 | No. |
| Toasters, domestic | 7073 | No. |
| Toasters, hotel | 7074 | No. |
| Toggle switches | 7095 | No. |
| Tools, portable, electric (see also classes 7040, 7041, and 7042 under class index). | 7050 | No. |
| Toys, electric | 9419 | |
| Train-line junction boxes | 7094 | Lb. |
| Train-line receptacles | 7098 | |
| Transformers, bell ringing | 7089 | |
| Transformers, distribution less than 500 K. V. A. | 7022 | No. |
| Transformer oils | 5038 | Gal. |
| Transformers, power, 500 K. V. A. and over | 7021 | No. |
| Transformers (radio) | 7079 | |
| Transformers, regulating and socket adjuster | 7024 | No. |
| Transmitter arms, telephone | 7087 | |
| Transmitting sets (radio) and parts | 7076 | |



| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Transmitting tubes (radio) | 7076 | |
| Travelers' irons | 7071 | No. |
| Treated cloth and paper | 7093 | Lb. |
| Trickle chargers | 7028 | No. |
| Trip coils | 7099 | |
| Trolley brackets, ears, frogs, protecting armor, wire chucks, wire splicers. | 7098 | |
| Trolley poles, metal (see complete Schedule B) | | |
| Trolley poles, wood | 4034 | No. |
| Trolley-type electric mining and industrial locomotives | 7046 | No. |
| Trolley wire, copper | 6425 | Lb. |
| Trucks, electric, except baggage and warehouse | 7900 | No. |
| Trucks, electric motor, station and warehouse | 7047 | No. |
| Truck-type switchboards | 7031 | No. |
| Tube furnaces, electric | 7074 | No. |
| Tube, reactivators | 7081 | |
| Tubes, amplifying, detector, modulating, and rectifying | 7078 | No. |
| Tubes, for X-ray machines | 7075 | |
| Tubes, insulating, other than porcelain | 7093 | Lb. |
| Tubes, porcelain, floor | 5314<br>5315 | Lb. |
| Tumbler switches | 7095 | No. |
| Tungsten wire | 6233 | Lb. |
| Tuning coils (radio) | 7079 | |
| Universal motors | 7040<br>7041 | No. |
| Urns, coffee, electric | 7073 | No. |
| Utility motors (see classes 7040, 7041, and 7042 under class index). | | |
| Vacuum cleaners, electric, household | 7069 | No. |
| Variocouplers (radio) | 7079 | |
| Varnishes, insulating | 7093 | Lb. |
| Vibrators, massage, electric | 7070 | No. |
| Voltmeters (see classes 7036 and 7037 under class index) | | |
| Voltage regulator, generator panels | 7031 | No. |
| Voltage regulator panels | 7031 | No. |
| Voltage regulators, feeder and induction feeder | 7024 | No. |
| Voltage transformers | 7023 | No. |
| Vulcanized fiber, sheets, strips, rods, and tubes | 4795 | Lb. |
| Vulcanizers, electric | 7074 | No. |
| Waffle irons | 7073 | No. |
| Warehouse electric motor trucks | 7047 | No. |
| Warming pads | 7073 | No. |
| Washers, hard rubber | 2052 | Lb. |
| Washing machines, electric | 7068 | No. |
| Water coolers, electric | 7057 | No. |
| Water heaters | 7073 | No. |
| Water heaters, bayonet immersion | 7074 | No. |
| Watt-hour meters | 7035 | No. |
| Wattmeters (see classes 7036 and 7037 under class index) | | No. |
| Wave traps (radio) | 7081 | |
| Weatherproof wire | 6431 | Lb. |
| Welding equipment | 7010 | No. |
| Wet-cell primary batteries | 7018 | No. |
| Wheatstone bridges | 7038 | |
| Wind-driven electric plants | 7099 | |
| Wire alloy, resistance | 6991 | |
| Wire, aluminum; aluminum, steel core | 6309 | |
| Wire, bare, copper | 6425 | Lb. |
| Wire, copper; annunciator, armored asbestos, enameled magnet, parkway, varnished cambric. | 6435 | Lb. |
| Wire, copper-clad-steel | 6425 | Lb. |
| Wire, copper, trolley | 6425 | Lb. |

| Terms appearing on declaration | Class No. | Unit of quantity |
|---|---|---|
| Wire, galvanized | 6082 | Lb. |
| Wire, insulated iron or steel | 6088 | Lb. |
| Wire, plain iron or steel | 6081 | Lb. |
| Wire, rubber covered and fixture | 6430 | Lb. |
| Wire, telephone, iron insulated | 6088 | Lb. |
| Wire, tungsten | 6233 | Lb. |
| Wire, weatherproof and slow-burning | 6431 | Lb. |
| Wireless telegraph transmitting apparatus | 7076 | |
| Wiring supplies, n. e. s | 7098 | |
| Wood, poles | 4034 | No. |
| Woodworking tools, electric | 7050 | No. |
| X-ray machines and tubes | 7075 | |
| Zincs, battery | 6589 | Lb. |

## ARTICLES LISTED BY CLASSES[1]

[Abbreviation n. e. s. means not elsewhere specified]

### RUBBER AND MANUFACTURES

Class No.

2052. ELECTRICAL HARD-RUBBER GOODS:
- Battery jars, rubber.
- Hard-rubber sheets.
- Rubber, hard, washers, etc.

2084. RUBBER AND FRICTION TAPE:
- Friction tape.
- Hi-voltage rubber tape.
- Rubberized insulating tape.

### WOOD AND MANUFACTURES

4034. TELEGRAPH, TROLLEY, AND ELECTRIC LIGHT POLES:
- Wood poles (only). For metal poles see complete Schedule B.

4299. OTHER WOOD MANUFACTURES:
- Storage battery separators.

4795. VULCANIZED FIBER SHEETS, STRIPS, RODS, AND TUBES.

### PETROLEUM AND PRODUCTS

5038. INSULATING OR TRANSFORMER OILS:
- Circuit-breaker oil
- Condenser oil.
- Insulating oils.
- Lightning-arrester oil.
- Transformer oil.

### GLASS AND GLASS PRODUCTS

5261. GLOBES AND SHADES FOR LIGHTING FIXTURES:
- Bowls, opal and etched.
- Globes, ball.
- Lamp shades, glass.
- Shades, glass.

5292. ELECTRICAL GLASS INSULATORS:
- Glass insulators.

### CLAY AND CLAY PRODUCTS

5314. ELECTRICAL PORCELAIN FOR LESS THAN 6,600 VOLTS:
- Bushings, entrance, floor, roof, and wall.
- Cleats.
- Feed-wire insulators.
- Feeder-tap insulators and supports
- Floor tubes.
- Insulators, bus type and knob.
- Insulators, strain, porcelain.
- Tubes, porcelain.
  - See also class 7034.

5315. ELECTRICAL PORCELAIN FOR 6,600 VOLTS AND OVER:
- Bushings, entrance, floor, roof, and wall.
- Feed-wire insulators.
- Feeder-tap insulators and supports.
- Floor bushings.
- Floor tubes.
- Insulators, bus type.
- Insulators, strain, porcelain.
- Tubes, porcelain.

### OTHER NONMETALLIC MINERALS

Class No.

5480. CARBON ELECTRODES FOR ELECTRIC FURNACES:
- Electric-furnace electrodes.

5481. OTHER CARBON PRODUCTS:
- Arc lamp carbons.
- Battery carbons.
- Brushes for generators.
- Brushes for motors.

5512. MICA AND MANUFACTURES:
- Mica insulation.

### WIRE AND MANUFACTURES (IRON AND STEEL)

6081. PLAIN IRON OR STEEL WIRE.

6082. GALVANIZED WIRE.

6088. INSULATED IRON OR STEEL WIRE AND CABLE
- Cable, insulated, iron or steel.
- Telephone wire, iron, insulated.

6149. OIL BURNERS AND PARTS.

### FERRO-ALLOYS

6233. FERROTUNGSTEN, TUNGSTEN METAL, AND WIRE:
- Filaments.
- Tungsten wire.

### NONFERROUS METALS: ALUMINUM

6309. OTHER ALUMINUM MANUFACTURES:
- Aluminum fuse wire.
- Cable, aluminum.
- Wire and cable, aluminum.
- Wire and cable, aluminum, steel core.

### NONFERROUS METALS: COPPER

6425. COPPER WIRE (BARE):
- Bonding sleeves.
- Bonds.
- Cable, copper.
- Copper trolley wire.
- Copper-clad steel wire.
- Rail bonds.
- Trolley wire, copper.
- Wire, copper.

6430. RUBBER COVERED WIRE:
- Fixture wire.

6431. WEATHERPROOF WIRE:
- Wire, weatherproof.
- Wire, slow-burning.

6432. TELEPHONE CABLE.

6435. OTHER INSULATED COPPER WIRE:
- Cords, receiver, switchboard.
- Wire, annunciator.
- Wire, asbestos insulated.
- Wire, enameled.
- Wire, magnet.
- Cable, parkway.
- Cable, varnished cambric insulated.
- Cable, armored.

[1] The omission of an article from this list does not mean that it is classified elsewhere. Only major items are included, and miscellaneous goods of the same type should be assigned to the same class.

NONFERROUS METALS: ZINC

Class No.

6589. OTHER ZINC MANUFACTURES:
Battery zincs.

6991. OTHER METAL AND METAL COMPOSITION MANUFACTURES, N. E. S.:
Alloy fuse ribbon.
Alloy fuse wire.
Wire, alloy, resistance.

ELECTRICAL MACHINERY AND APPARATUS

7001. GENERATORS, DIRECT CURRENT, UNDER 500 KILOWATTS:
Direct-current generators, under 500 kilowatts.
Generators, railway-coach lighting.
Railway-coach lighting sets.

7002. GENERATORS, DIRECT CURRENT, 500 KILOWATTS AND OVER.

7005. GENERATORS, ALTERNATING CURRENT, UNDER 2,000 KILOVOLT AMPERES:
Alternating-current generators, under 2,000 K. V. A.
Rotary condensers, under 2,000 K. V. A.
Synchronous condensers, under 2,000 K. V. A.

7006. GENERATORS, ALTERNATING CURRENT, 2,000 KILOVOLT AMPERES AND OVER:
Alternating-current generators, 2,000 K. V. A. and over.
Rotary condensers, 2,000 K. V. A. and over.
Synchronous condensers, 2,000 K. V. A. and over.

7007. STEAM-TURBINE GENERATOR SETS:
Complete steam-turbine generator sets.
Locomotive headlight turbine sets.

7009. ACCESSORIES AND PARTS FOR GENERATORS:
Armatures and coils for generators.
Bearings for generators.
Renewal, repair, and spare parts for generators.

7010. ARC WELDING SETS:
Including arc-welding accessories, except electrodes.

7011. SELF-CONTAINED LIGHTING OUTFITS:
Farm lighting outfits.
Individual lighting sets.
Plants, portable electric.
Plants, home lighting.
For wind-driven generators see class 7099.

7013. 6-VOLT STORAGE BATTERIES:
6-volt automobile batteries.
Radio A batteries (storage).

7014. OTHER STORAGE BATTERIES:
Farm lighting batteries.
Electric-truck batteries.

7015. No. 6 DRY-CELL BATTERIES.

7016. FLASH-LIGHT BATTERIES.

7017. RADIO B AND C BATTERIES (DRY):
A 45-volt B battery should be reported as 30 cells, a 22½ as 15 cells, and a 4½ volt C battery as 3 cells.

7018. OTHER DRY AND WET CELL PRIMARY BATTERIES:
Wet-cell batteries.

ELECTRICAL MACHINERY AND APPARATUS—Continued

Class No.

7021. POWER TRANSFORMERS, 500 KILOVOLT AMPERES AND OVER.
(See also class 5038.)

7022. DISTRIBUTION TRANSFORMERS LESS THAN 500 KILOVOLT AMPERES.

7023. INSTRUMENT TRANSFORMERS:
Current transformers.
Instrument transformers.
Voltage transformers.

7024. OTHER TRANSFORMERS:
Balance coils.
Constant-current regulators.
Current-limiting reactors.
Feeder voltage regulators.
Induction feeder voltage regulators.
Moving-coil regulators.
Oil drying and purifying outfits.
Reactance coil regulators.
Regulating transformers.
Safety coils.
Socket adjuster transformers.

7028. COMPLETE BATTERY CHARGERS UNDER 15 AMPERES:
Battery chargers and sets of less than 15 amperes.
Motor-generator charging sets of less than 15-ampere rating.
Rectifiers.
Trickle chargers.

7029. RECTIFIERS, DOUBLE-CURRENT AND MOTOR GENERATORS, DYNAMOTORS, SYNCHRONOUS AND OTHER CONVERTERS:
Battery-charging sets of more than 15 amperes.
Battery-charging motor-generating sets of more than 15-ampere rating.
Frequency changers.
Mercury rectifiers.
Motor generators.
Rotary converters.
Synchronous converters.

7031. SWITCHBOARD PANELS, EXCEPT TELEPHONE:
Arc-welding panels.
Battery-charging panels.
Battery-charging switchboards.
Car-lighting panels.
Control desks.
Control panels.
Feeder panels.
Fuse panels.
Generator panels.
Iron-clad switchboards.
Lamp indicators.
Meter houses.
Metering panel boards.
Panels, switchboard.
Preset switchboards.
Regulator panels, voltage.
Theater switchboards.
Truck-type switchboards.
Switchboards.
Switch houses.
Voltage regulators, generator.

7033. SWITCHES AND CIRCUIT BREAKERS ABOVE 10 AMPERES:
Automatic time switches.
Carbon circuit breakers.
Car-type circuit breakers.
Circuit breakers.
Cut-outs, primary.
Disconnecting switches.
Feeder switches.
Knife switches over 10 amperes.
Line-section switches.
Oil circuit breakers.
Time switches.



ELECTRICAL MACHINERY AND APPARATUS—Continued

Class No.

7034. FUSES:
Expulsion-type fuses.
Fuses, battery supply.
Fuses, cartridge.
Fuses, link.
Fuses, plug.
Fuses, telephone.
Inclosed fuses.

7035. WATT-HOUR AND OTHER MEASURING METERS:
Ampere-hour meters.
Demand meters.
Kilovolt-ampere-hour meters.
Watt-hour meters.

7036. ELECTRICAL INDICATING INSTRUMENTS:
Generally, ampere, volt, frequency, power factor, and watt meters or other electrical meters that show the instantaneous value of the unit which it measures but which make no record or summation.

7037. ELECTRICAL RECORDING INSTRUMENTS:
Generally, ampere, volt, frequency, power factor, and watt meters, or other electrical meters which record graphically the instantaneous value of the unit which it measures but which make no summation.

7038. OTHER ELECTRICAL TESTING APPARATUS:
Armature-testing equipment.
Coil-testing equipment.
Controllers, flat rate.
Current limiters.
Electric speed indicators.
Fault localizers.
Foot candle meters.
Glow meters.
Ground detectors.
Harmonic analyzers.
Insulation testing equipment.
Meters, Wheatstone bridge.
Meters, other testing.
Oscillographs.
Overload relays.
Photometers.
Portable testing outfits.
Potentiometers.
Regulators, electric temperature.
Synchroscopes.
Thermostats.

7039. LIGHTNING ARRESTERS, CHOKE COILS, REACTORS, AND OTHER POWER-PROTECTIVE DEVICES:
Choke coils.
Discharge resisters.
Electrolytic lightning arresters.
Impulse gaps.
Lightning arresters.
Reactance coils.

7040. MOTORS, ½ HORSEPOWER AND UNDER:
Alternating-current motors.
Buffing motors.
Dental engines.
Direct-current motors.
Fractional horsepower motors.
Motor-driven industrial devices (½ horsepower and under).
Sewing-machine motors.
Universal motors.
Utility motors.
NOTE.—It has been agreed that in all cases where the motor represents the major portion of the cost of the complete apparatus the shipment should be put in class 7040, 7041, or 7042, depending on the horsepower of the motor. In case the remainder of the apparatus is the greater portion of the cost, the shipment shall be classified as shown under the machinery classification, for which see complete Schedule B.
See also class 7050.

ELECTRICAL MACHINERY AND APPARATUS—Continued

Class No.

7040. MOTORS, ½ HORSEPOWER AND UNDER—Con.
classified as shown under the machinery classification, for which see complete Schedule B.
See also class 7050.

7041. MOTORS OVER ½ HORSEPOWER AND UNDER 1 HORSEPOWER:
Alternating-current motors.
Direct-current motors.
Utility motors.
See note under 7040.

7042. STATIONARY MOTORS, 1 TO 200 HORSEPOWER:
Grinding motors.
Motors, A. C. and D. C.
Sychronous motors.
Tools, portable electric. (See note under 7040.)

7043. STATIONARY MOTORS OVER 200 HORSEPOWER:
Motors, A. C. and D. C.
Sychronous motors.

7044. RAILWAY MOTORS.

7045. ELECTRIC LOCOMOTIVES, RAILWAY.

7046. ELECTRIC LOCOMOTIVES, MINING AND INDUSTRIAL:
Battery locomotives.
Trolley-type locomotives.
Third-rail-type locomotives.

7047. STATION AND WAREHOUSE ELECTRIC MOTOR TRUCKS.

7048. STARTING AND CONTROLLING EQUIPMENT FOR INDUSTRIAL MOTORS:
Controllers, motor.
Float switches.
Drum controllers.
Drum reverse switches.
Drum-type switches.
Motor starters.
Push-button control equipment.
Remote-control equipment.
Resisters.
Rheostats.

7049. STARTING AND CONTROLLING EQUIPMENT FOR ELECTRIC RAILWAYS AND VEHICLES:
Automatic-control equipment.
Drum controllers.
Multiple-unit controls.
Railway controllers.

7050. PORTABLE ELECTRIC TOOLS:
Cloth cutters.
Drills, electric.
Grinders, electric.
Hammers, electric.
Planers, electric.
Reamers, electric.
Riveters, electric.
Saws, electric.
Screw drivers, electric.
Tampers, electric.
Woodworking tools, electric.

7055. ACCESSORIES AND PARTS FOR MOTORS:
Armatures for motors.
Armature coils for motors.
Bearings for motors.
Field coils for motors.
Renewal parts for motors.
Repair parts for motors.
Spare parts for motors.

7057. ELECTRIC HOUSEHOLD REFRIGERATORS.[2]

7058. ELECTRIC COMMERCIAL REFRIGERATORS.[2]

7059. THERMODYNAMIC REFRIGERATORS.[2]

[2] With or without cabinets.

ELECTRICAL MACHINERY AND APPARATUS—Continued

Class No.

7051. ELECTRIC FANS:
Radio panels.
Ceiling fans.
Desk fans.
Exhaust fans up to 16 inches in diameter.
Fans.
Gyrating fans.

7052. ELECTROMECHANICAL HEALTH EXERCISERS:
Electric health motors.
Electric exercisers.

7053. ELECTRIC INCANDESCENT (METAL-FILAMENT) LIGHT BULBS FOR AUTOMOBILES, FLASH LIGHTS, AND CHRISTMAS TREES.

7064. OTHER INCANDESCENT METAL-FILAMENT BULBS.

7065. OTHER ELECTRIC LAMP BULBS:
Carbon filament lamps.

7066. FLASH-LIGHT CASES:
Cases, flash-light.
Flash lights.
Lamps, mine (battery).

7067. SEARCHLIGHTS AND FLOODLIGHTS:
Floodlights.
Headlights, electric.
Projectors.
Searchlights.
Spot lights.

7068. ELECTRIC HOUSEHOLD WASHING MACHINES.

7069. ELECTRIC VACUUM CLEANERS:
Electric household vacuum cleaners.

7070. OTHER MOTOR-DRIVEN DEVICES, EXCEPT TOOLS:
Dishwashers.
Electrically driven ironing machines.
Electric hair dryers.
Mixers, drink.
Vibrators, massage, electric.
See also classes 7040, 7041, 7042, and 7050.

7071. ELECTRIC FLATIRONS:
Household irons.
Laundry irons.
Tailors' irons.
Travelers' irons.

7072. ELECTRIC COOKING RANGES (NOT LESS THAN $50):
Domestic bake ovens.
Domestic ranges.
Fireless cookers.
Ovens domestic.
For hotel types see class 7074.

7073. OTHER DOMESTIC HEATING AND COOKING DEVICES:
Air heaters.
Automobile engine heaters.
Broilers.
Chafing dishes.
Cigar lighters.
Coffee percolators.
Coffee-urn heaters.
Corn poppers.
Curling irons.
Disk immersion water heaters.
Disk stoves.
Frying kettles.
Griddles.
Grills.
Heaters, coffee-urn.
Heaters, disk immersion.
Hot plates.
Immersion heaters, disk.
Luminous radiators.
Mantel luminous radiators.
Pads, warming.

ELECTRICAL MACHINERY AND APPARATUS—Continued

Class No.

7073. OTHER DOMESTIC HEATING AND COOKING DEVICES—Continued.
Percolators, coffee.
Radiators, electric.
Reflector heaters.
Teakettles.
Toasters, domestic.
Urns, coffee, electric.
Waffle irons.
Water heaters.
Water heaters, faucet type.

7074. INDUSTRIAL ELECTRIC FURNACES AND OVENS:
Automatic current regulators for electric furnaces.
Babbitt pots.
Bake ovens, except domestic.
Bayonet immersion water heaters.
Cartridge-type heaters.
Chocolate warmers.
Clothes dryers.
Crucible furnaces.
Current regulators for arc furnaces.
Dry-type glue pots.
Drying ovens.
Electric furnaces.
Electric ovens.
Foot warmers.
Furnaces, electric.
Glue pots.
Heaters, oven type.
Heaters, space.
Heaters, steel-clad.
Hot tables.
Hotel ranges.
Hotel toasters and other appliances.
Metal pattern plate heaters.
Muffle furnaces, electric.
Oven heaters.
Ovens, not domestic.
Solder pots.
Space heaters.
Steel-clad heaters.
Tables, hot.
Tube furnaces, electric.
Vulcanizers, electric.

7075. THERAPEUTIC AND X-RAY APPARATUS:
Health lamps.
Induction coils, vibrating.
Sun-ray lamps.
X-ray machines and tubes.
Galvanic and faradic batteries.

7076. RADIO TRANSMITTING SETS AND PARTS:
Broadcasting apparatus.
Microphones.
Radio-telephone sending apparatus.
Sending sets.
Transmitting sets.
Wireless-telegraph transmitting apparatus.
Transmitting tubes.

7077. RADIO RECEIVING SETS:
Amplifier units.
Radio-phonograph combinations.
Receiving sets, complete.
Short-wave units.

7078. RADIO TUBES:
Amplifying tubes.
Detector tubes.
Modulating tubes.
Rectifying tubes.

7079. RADIO RECEIVING-SET COMPONENTS:
Battery switches.
Binding posts.
Coil mountings.
Condensers.
Radio crystals and mountings.
Dials.
Grid-leaks.
Radio jacks.
Radio kits.
Knockdown sets.



ELECTRICAL MACHINERY AND APPARATUS—Continued

Class No.

7079. RADIO RECEIVING-SET COMPONENTS—Con.
Radio potentiometers.
Rheostats.
Radio resistance units.
Sockets.
Socket adapters.
Radio terminals.
Television components.
Transformers.
Tuning coils.
Variocouplers.
Variometers.
Other radio-set components.

7080. RADIO LOUD-SPEAKERS:
Loud-speakers.
Loud-speaker units.

7081. OTHER RADIO RECEIVING-SET ACCESSORIES:
Aerial lead-ins.
Battery eliminators.
Electric pick-up.
Ground clamps.
Radio head sets.
Radio lightning arresters.
Loop aerials.
Radio plugs.
Radio-tube reactivators.
Television accessories.
Wave traps.
Other radio receiving-set accessories.

7082. TELEGRAPH APPARATUS:
Instruments, telegraph.
Repeaters, telegraph.
Telegraph equipment, except radio.

7083. TELEPHONE INSTRUMENTS:
Telephones, automatic.
Telephones, C. B.
Telephones, magneto.

7086. TELEPHONE SWITCHBOARDS:
Switchboards, telephone, magneto.
Switchboards, telephone, C. B., manual.
Switchboards, telephone, C. B., mechanical.
Switchboards, telephone, C. B., semi-mechanical.
Switchboards, telephone, P. B. X.-C B., manual.
Switchboards, telephone, P. B. X.-C. B., mechanical.
Switchboards, telephone, testing.

7087. OTHER TELEPHONE EQUIPMENT:
Arms, transmitter.
Brackets, telephone.
Coils, loading.
Coils, repeating.
Condensers, telephone.
Desk stands.
Distributing boxes, protected.
Distributing boxes, unprotected.
Generators, hand.
Generators, ringing.
Heat coils.
Induction coils, telephone.
Jacks, telephone.
Lamp caps.
Magnetos, telephone.
Meters, message, register.
Mouthpieces, telephone.
Plugs, telephone.
Pole changers.
Pot heads, telephone cable.
Protectors, telephone.
Protectors, mountings for.
Receivers, telephone.
Repeaters, telephone.
Ringers, telephone.
Transmitters.

7089. BELLS, BUZZERS, ANNUNCIATORS, AND ALARMS:
Alarms, burglar and fire.
Alarms, tank.
Annunciators.
Bells, electric.

ELECTRICAL MACHINERY AND APPARATUS—Continued

Class No.

7089. BELLS, BUZZERS, ANNUNCIATORS, AND ALARMS—Continued.
Bell-ringing transformers.
Burglar alarms.
Buzzers, electric.
Calls, carriage.
Carriage calls.
Horns, electric.
Hospital signal equipment, electric.
Push buttons.
Signals, factory and office.

7091. SPARK PLUGS.

7092. OTHER STARTING, LIGHTING, AND IGNITION EQUIPMENT:
Auto generators.
Auto starting equipment.
Blasting sets, electric.
Magnetos.

7093. INSULATING MATERIAL:
Cloth and papers, treated.
Cloth and papers, untreated.
Insulating compounds.
Paper, insulating.
Paints and varnishes, insulating.
Sleeving, fabric.
Sleeving, paper.
Splicing compound.
Tubes, other than porcelain.
Varnishes, insulating.
See also classes 2084 and 5512.

7094. METAL CONDUIT, OUTLET, AND SWITCH BOXES:
Conduit bushings.
Conduit, interior, metal.
Cut-out boxes.
Fittings, conduit.
Floor boxes.
Fuse boxes.
Line-junction boxes.
Molding, metal.
Motor-connection boxes.
Service boxes.
Switch boxes.
Switch cabinets.
Train-line junction boxes.

7095. SOCKETS, OUTLETS, FUSE BLOCKS, AND LIGHTING SWITCHES:
Bayonet sockets.
Canopy switches.
Fuse blocks.
Fuse holders.
Lamp sockets.
Plugs and receptacles.
Push-button switches.
Receptacles.
Rosettes.
Socket reducers.
Sockets.
Switches, knife, 10 amperes and less.
Switches, snap, toggle, and tumbler.

7096. ELECTRIC INTERIOR-LIGHTING FIXTURES:
Ceiling suspensions.
Commercial lighting fixtures.
Home lighting fixtures.
Industrial lighting fixtures.
Lamp shades, metal.
Portable lamps.
Reflectors.
Table lamps.
See also class 5261.

7097. ELECTRIC STREET-LIGHTING FIXTURES:
Adjusters, socket street hood.
Automatic cut-out hangers and reflectors.
Crooks, lighting.
Gooseknecks.
Lamp brackets.
Lighting fixtures, street.
Multiple street-hood bodies.
Posts, electric lighting.
Series street-hood bodies.
Street hoods.
Traffic signal lights.

ELECTRICAL MACHINERY AND APPARATUS—Continued

Class No.

7098. OTHER WIRING SUPPLIES AND LINE MATERIAL:
Adjusters, cord and lamp.
Anchor clamps.
Anchor eyes.
Anchor hangers.
Anchor rods.
Approaches for trolley frogs.
Braces, cross-arm.
Brackets, bus-bar.
Bus-bar brackets.
Bus-bar clamps.
Bus-bar supports.
Bus-bar terminals.
Cable anchors.
Catenary hangers.
Charging plugs.
Charging receptacles.
Chucks, trolley wire.
Clamp pins.
Clamping bars.
Clamps, cable.
Clamps, ground.
Connector lugs.
Connectors.
Copper terminals.
Copper-tube connectors.
Ears, trolley.
Emergency splicing sleeves.
Feeder clamps.
Feeder ears.
Feeder suspensions.
Flexible approaches.
Frogs, trolley.
Half-strain ears.
Hanger clamps.
Hangers, cable.
Insulator pins.
Insulators, composition.
Insulators, strain (composition).
Insulators, strain (wooden).
Pins, insulator.
Solderless connectors.
Splicers.
Splicing ears.
Splicing sleeves.
Strain ears.
Train-line receptacles.
Trolley brackets.
Trolley ears.
Trolley frogs.
Trolley protecting armor.
Trolley-wire chuck.
Trolley-wire splicers.

7099. OTHER ELECTRICAL APPARATUS, N. E. S.:[3]
Coils, trip.
Condensers, static.
Conduit, interior, nonmetallic.
Conduit, underground, fiber.
Control pedestals.
Control switches (switchboard).
Electric chimes.
Flashers, sign.
Hair clippers, electric.
Letters, sign.
Magnet chargers.
Magnets, lifting.
Magnets, permanent.
Neon signs.
Oil-testing cups.
Potheads, power cable.
Scorching pens.
Signs, electric.
Solenoids.
Wind-driven electric plants.

INDUSTRIAL MACHINERY

7113. MECHANICAL-DRIVE TURBINES:
Steam turbines.

7135. CONDENSERS, HEATERS, AND ACCESSORIES:
All types of steam condensers—barometric, ejector, jet, and surface.

INDUSTRIAL MACHINERY—Continued

Class No.

7163. WATER WHEELS AND WATER TURBINES.

7245. ELEVATORS, FREIGHT AND PASSENGER.

7652. REFRIGERATING EQUIPMENT UP TO 1 TON CAPACITY.

7653. REFRIGERATING EQUIPMENT OVER 1 TON AND UP TO 10 TONS REFRIGERATING CAPACITY.

7720. PAINT-SPRAYING EQUIPMENT.

7737. POWER-DRIVEN MACHINES FOR COMMERCIAL LAUNDRIES.

7900. ELECTRIC TRUCKS AND PASSENGER CARS.

7961. ELECTRIC RAILWAY CARS.

7970. RAILWAY SIGNALS AND ATTACHMENTS.

COAL-TAR PRODUCTS

8090. LAMINATED SYNTHETIC RESINS, SHEETS AND PLATES:
Any laminated synthetic phenolic resin such as bakelite, condensite, redmanol, micarta, reynolite, celeron, colasta, and other similar coal-tar derivatives.

8091. OTHER SYNTHETIC RESINS, PRODUCTS, AND MANUFACTURES.

PHOTOGRAPHIC AND PROJECTION GOODS

9009. MOTION-PICTURE SOUND EQUIPMENT.

9111. PROJECTION ARC LAMPS.

TOYS, ATHLETIC AND SPORTING GOODS

9419. OTHER TOYS, EXCEPT RUBBER:
Toys, electric.

CLOCKS AND WATCHES

9572. MANTEL AND NOVELTY CLOCKS:
Electric mantel clocks.
Synchronous clocks.
Electrically wound clocks.
Magnetic and battery clocks.

9573. WALL CLOCKS:
Electric wall clocks.
Synchronous clocks.
Electrically wound clocks.

9591. TIME-RECORDING DEVICES AND PARTS:
Elapsed-time recorders.
Time stamps.
Program clocks.

MISCELLANEOUS, N. E. S.

9820. PYROXYLIN PRODUCTS, KNOWN AS CELLULOID, PYRALIN, VISCOLOID, FIBERLOID, ETC.:
Sheets, rods, or tubes.

9821. PYROXYLIN PRODUCTS, KNOWN AS CELLULOID, PYRALIN, VISCOLOID, FIBERLOID, ETC.:
Manufactures.

9845. REFRIGERATORS, NOT MECHANICAL:
Cabinets, separate.

[3] Generally speaking, all repair parts, renewals, or spares, excepting those for generators, motors, or telephone units, go into this class. (See classes 7009, 7055, and 7087.)

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END OF
TITLE